

ABSTRACT

A feed apparatus for use in depositing a slurry upon a moving web having a direction of travel includes a main metering roll, a companion roll disposed in closely spaced relation to the metering roll to form a nip therebetween. The nip is constructed and arranged to retain a supply of the slurry, and the rolls are driven so that slurry retained in the nip progresses over an upper outer peripheral surface of the metering roll to be deposited upon the web. Also preferably included is a thickness control roll disposed in operational relationship to the metering roll for controlling thickness of a layer of slurry drawn from the nip over the outer metering roll surface. Preferably, the metering roll, the companion roll and the thickness control roll are driven in the same direction.

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